

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: June 28, 2004

(use as many sheets as necessary)

Complete If Known

Application Number	10/813,375
Filing Date	03/30/2004
First Named Inventor	Mark L. Grabb
Group Art Unit	To be Determined
Examiner Name	To be Determined
Attorney Docket Number	066243-0235 (141209)

Sheet

1

of

9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/MR/	A-1	6,569,160		Goldin et al.	05-27-2003	
	A-2	6,565,511		Panescu et al.	05-20-2003	
	A-3	6,558,333		Gilboa et al.	05-06-2003	
	A-4	6,546,270		Golden et al.	04-08-2003	
	A-5	6,528,991		Ashe	03-04-2003	
	A-6	6,522,913		Swanson et al.	02-18-2003	
	A-7	6,516,807		Panescu et al.	02-11-2003	
	A-8	6,498,944		Ben-Haim et al.	12-24-2002	
	A-9	6,498,477		Govari et al.	12-24-2002	
	A-10	6,496,712		Dahl et al.	12-17-2002	
	A-11	6,490,475		Seeley et al.	12-03-2002	
	A-12	6,490,474		Willis et al.	12-03-2002	
	A-13	6,490,468		Panescu et al.	12-03-2002	
	A-14	6,489,961		Baxter, III et al.	12-03-2002	
	A-15	6,487,441		Swanson et al.	11-26-2002	
	A-16	6,484,118		Govari	11-19-2002	
	A-17	6,484,049		Seeley et al.	11-19-2002	
	A-18	6,458,123		Brucker et al.	10-01-2002	
	A-19	6,456,867		Reisfeld	09-24-2002	
	A-20	6,453,190		Acker et al.	09-17-2002	
	A-21	6,447,504		Ben-Haim et al.	09-10-2002	
	A-22	6,445,943		Ferre et al.	09-03-2002	
	A-23	6,427,314		Acker	08-06-2002	
	A-24	6,400,981		Govari	06-04-2002	
	A-25	6,385,476		Osadchy et al.	05-07-2002	
	A-26	6,380,732		Gilboa	04-30-2002	
	A-27	6,379,302		Kessman et al.	04-30-2002	
	A-28	6,373,240		Govari	04-16-2002	
	A-29	6,370,411		Osadchy et al.	04-09-2002	
	A-30	6,368,285		Osadchy et al.	04-09-2002	
	A-31	6,366,799		Acker	04-02-2002	
	A-32	6,341,231		Ferre et al.	01-22-2002	
	A-33	6,335,617		Osadchy et al.	01-01-2002	
	A-34	6,332,089		Acker et al.	12-18-2001	
	A-35	6,314,310		Ben-Haim et al.	11-06-2001	
	A-36	6,301,496		Reisfeld	10-09-2001	
	A-37	6,285,898		Ben-Haim	09-04-2001	
	A-38	6,266,551		Osadchy et al.	07-24-2001	
	A-39	6,256,540		Panescu et al.	07-03-2001	
	A-40	6,248,075		McGee et al.	06-19-2001	
	A-41	6,246,898		Vesely et al.	06-12-2001	
	A-42	6,246,231		Ashe	06-12-2001	

001.1656813.1

Examiner
Signature

/Michael Rozanski/

Date
Considered

03/14/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: June 28, 2004

(use as many sheets as necessary)

Complete If Known

Application Number	10/813,375
Filing Date	03/30/2004
First Named Inventor	Mark L. Grabb
Group Art Unit	To be Determined
Examiner Name	To be Determined
Attorney Docket Number	066243-0235 (141209)

Sheet 2 of 9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/MR/	A-43	6,240,307		Beatty et al.	05-29-2001	
	A-44	6,226,543		Gilboa et al.	05-01-2001	
	A-45	6,226,542		Reisfeld	05-01-2001	
	A-46	6,223,066		Govari	04-24-2001	
	A-47	6,216,027		Willis et al.	04-10-2001	
	A-48	6,211,666		Acker	04-03-2001	
	A-49	6,198,963		Haim et al.	03-06-2001	
	A-50	6,188,924		Swanson et al.	02-13-2001	
	A-51	6,188,355		Gilboa	02-13-2001	
	A-52	6,183,088		LoRe et al.	02-06-2001	
	A-53	6,175,756		Ferre et al.	01-16-2001	
	A-54	6,161,032		Acker	12-12-2000	
	A-55	6,147,480		Osadchy et al	11-14-2000	
	A-56	6,066,094		Ben-Haim	05-23-2000	
	A-57	6,019,725		Vesely et al.	02-01-2000	
	A-58	6,016,439		Acker	01-18-2000	
	A-59	5,983,126		Wittkamp	11-09-1999	
	A-60	5,967,980		Ferre et al.	10-19-1999	
	A-61	5,953,683		Hansen et al.	09-14-1999	
	A-62	5,928,248		Acker	07-27-1999	
	A-63	5,916,163		Panescu et al.	06-29-1999	
	A-64	5,873,822		Ferre et al.	02-23-1999	
	A-65	5,868,673		Vesely	02-09-1999	
	A-66	5,840,025		Ben-Haim	11-24-1998	
	A-67	5,833,608		Acker	11-10-1998	
	A-68	5,830,144		Vesely	11-03-1998	
	A-69	5,829,444		Ferre et al.	11-03-1998	
	A-70	5,820,568		Willis	10-13-1998	
	A-71	5,817,022		Vesely	10-06-1998	
	A-72	5,813,991		Willis et al.	09-29-1998	
	A-73	5,803,089		Ferre et al.	09-08-1998	
	A-74	5,800,352		Ferre et al.	09-01-1998	
	A-75	5,797,849		Vesely et al.	08-25-1998	
	A-76	5,795,298		Vesely et al.	08-18-1998	
	A-77	5,779,638		Vesely et al.	07-14-1998	
	A-78	5,752,513		Acker et al.	05-19-1998	
	A-79	5,744,953		Hansen	04-28-1998	
	A-80	5,738,096		Ben-Haim	04-14-1998	
	A-81	5,729,129		Acker	03-17-1998	
	A-82	5,722,402		Swanson et al.	03-03-1998	
	A-83	5,718,241		Ben-Haim et al.	02-17-1998	
	A-84	5,718,241		Ben-Haim et al.	02-17-1998	

001.1656813.1

Examiner Signature

/Michael Rozanski/

Date Considered

03/14/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: June 28, 2004

(use as many sheets as necessary)

Sheet 3 of 9

Complete if Known

Application Number	10/813,375
Filing Date	03/30/2004
First Named Inventor	Mark L. Grabb
Group Art Unit	To be Determined
Examiner Name	To be Determined
Attorney Docket Number	066243-0235 (141209)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/MR/	A-85	5,713,946		Ben-Haim	02-03-1998	
	A-86	5,697,377		Wittkamp	12-16-1997	
	A-87	5,694,945		Ben-Haim	12-09-1997	
	A-88	5,676,673		Ferre et al.	10-14-1997	
	A-89	5,662,108		Budd et al.	09-02-1997	
	A-90	5,600,330		Blood	02-04-1997	
	A-91	5,568,809		Ben-Haim	10-29-1996	
	A-92	5,558,091		Acker et al.	09-24-1996	
	A-93	5,553,611		Budd et al.	09-10-1996	
	A-94	5,546,951		Ben-Haim	08-20-1996	
	A-95	5,515,853		Smith et al.	05-14-1996	
	A-96	5,480,422		Ben-Haim	01-02-1996	
	A-97	5,445,150		Dumoulin et al.	08-29-1995	
	A-98	5,443,489		Ben-Haim	08-22-1995	
	A-99	5,443,066		Dumoulin et al.	08-22-1995	
V	A-100	5,391,199		Ben-Haim	02-21-1995	
	A-101	5,311,866		Kagan et al.	05-17-1994	
	A-102	5,297,549		Beatty et al.	03-29-1994	
	A-103	4,945,305		Blood	07-31-1990	
	A-104	4,849,692		Blood	07-18-1989	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-105	Cardiac catheterization system, Cardiac Cath Lab Systems, RMC-3100, RMC-3200, printed from website www.nihonkohden.com on 12/18/2003, (2 pgs.).	
/MR/	A-106	DASH PRO, Variable-Acuity Monitoring, GE Medical Systems Information Technologies, 02-7446A, March 2002, (8 pgs.).	
/MR/	A-107	ASTROM, M. et al., Least Squares VCG Loop Alignment, date unknown, (4 Pgs.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 28, 2004 (use as many sheets as necessary)		Application Number	10/813,375
		Filing Date	03/30/2004
		First Named Inventor	Mark L. Grabb
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	4	of	9
		Attorney Docket Number	066243-0235 (141209)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-108	ASTROM M. et al., <i>Vectorcardiographic Loop Alignment and the Measurement of Morphologic Beat-to-Beat Variability in Noisy Signals</i> , IEEE Transactions on Biomedical Engineering, Vol. 47, No. 4, April 2000, pages 497-506, (10 pgs.).	
	A-109	ASTROM M., <i>Vectorcardiographic Loop Alignment in Ischemia Monitoring</i> , Licentiate in Engineering Thesis, April 2000, (75 pgs.).	
	A-110	GE Announces Alliance with Biosense Webster to Give Clinicians Access to Patients' Complete Heart Rhythm Data at a Single Workstation, GE Medical Systems – Company News-News Releases, dated May 15, 2003, (2 pgs.).	
	A-111	Invasive – CardioLink Networking – Boosts your productivity, GE Medical Systems, Europe, Middle East & Africa, printed from website www.gemedicalsystemseurope.com/euen/cardiology/invasive/electro_la... on 1/27/2004, (2 pgs.).	
	A-112	Navigation and Visualization, InstaTrak™ - Cranial Multi-application electromagnetic surgical navigation system for ENT, Cranial and Spine procedures, GE Medical Systems, printed from website www.gemedicalsystemseurope.com/euen/rad/nav/instatrak_cranial_ho on 1/27/2004, (2 pgs.).	
	A-113	Invasive, Increase Efficiency in the Cardiac Cath Lab, GE Medical Systems, printed from website www.gemedicalsystems.com/cardiology/invasive/cardiac_cath_lab/comb on 1/12/2004, (1 pg.).	
	A-114	Invasive – CardioLab – 5.1, Bringing added functionality to the world class CardioLab EP System, GE Medical Systems; printed from website www.gemedicalsystems.com/cardiology/invasive/electro_lab... on 1/12/2004, (2 pgs.).	
	A-115	Computed Tomography, Advanced Clinical Applications, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/msctappl.html on 1/28/2004, (2 pgs.).	
	A-116	Computed Tomography, Advanced CT Applications – Navigator, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/navigator.html on 1/28/2004, (1 pg.).	
	A-117	Computed Tomography, Advanced CT Applications – Direct3D, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/direct3d.html on 1/28/2004, (1 pg.).	
↓	A-118	Computed Tomography, Advanced CT Applications – Volume Rendering, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/vr.html on 1/28/2004, (2 pgs.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/813,375
Date Submitted: June 28, 2004		Filing Date	03/30/2004
(use as many sheets as necessary)		First Named Inventor	Mark L. Grabb
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	5 of 9	Attorney Docket Number	066243-0235 (141209)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-119	Computed Tomography, <i>Advanced CT Applications – Advantage Sim</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_benefits.html on 1/28/2004, (1 pg.).	
	A-120	Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Simulation Tools)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim_sim.html on 1/28/2004, (1 pg.).	
	A-121	Computed Tomography, <i>Advanced CT Applications – Advantage Sim (Advanced CT Simulation)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/sim.html on 1/28/2004, (2 pgs.).	
	A-122	Computed Tomography, <i>GE Medical Systems is proud to offer Mindways QCT PRO 3D Volumetric Spine & Hip BMD – B7501MW – Accurate & Reproducible</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/bmd/index.html on 1/28/2004, (1 pg.).	
	A-123	Computed Tomography, <i>Snapshot cardiac imaging provides the most flexible and widest range of clinical acquisition and reconstruction options available today. Snapshot enables cardiac imaging over a wide range of patients (from 40 to 110 bpm)</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/snapshot/index.html on 1/28/2004, (1 pg.).	
	A-124	Computed Tomography, <i>SmartScore – Coronary Artery Calcification Scoring</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/smart_score/index.html on 1/28/2004, (2 pgs.).	
	A-125	SmartScore, <i>Coronary Artery Calcification Scoring</i> , GE Medical Systems, copyright date: 2000, (6 pgs.).	
	A-126	Computed Tomography, <i>CardIQ Function – Cardiac Functional Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardi_q_func/index.html on 1/28/2004, (2 pgs.).	
	A-127	Computed Tomography, <i>CardIQ Analysis – CV Image Post-Processing & Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/cardi_q/index.html on 1/28/2004, (2 pgs.).	
	A-128	Computed Tomography, <i>Advanced Vessel Analysis</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/ct/applications/ava/ct_ava_home.html on 1/28/2004, (2 pgs.).	
	A-129	Advanced Vessel Analysis – <i>Image Analysis Software</i> , GE Medical Systems, copyright date: 2000, (4 pgs.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
---------------------------	--------------------	------------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

Date Submitted: June 28, 2004

(use as many sheets as necessary)

Complete If Known

Application Number	10/813,375
Filing Date	03/30/2004
First Named Inventor	Mark L. Grabb
Group Art Unit	To be Determined
Examiner Name	To be Determined
Attorney Docket Number	066243-0235 (141209)

Sheet 6 of 9

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MR/	A-130	B770OSS Advanced Vessel Analysis, -GE Medical Systems, date undetermined, (2 pgs.).	
	A-131	Advanced Vessel Analysis, Clinical Case Study, Application in Pre-stent Graft Evaluation and Post-stent Graft Imaging, GE Medical Systems, copyright date: 2000, (8 pgs.).	
	A-132	Advantage Workstation - Multi-Modality Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_multisoft.html on 1/28/2004, (3 pgs.).	
	A-133	Advantage Workstation - CT Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_ctsoft.html on 1/28/2004, (4 pgs.).	
	A-134	Advantage Workstation - MR Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_mrsoft.html on 1/28/2004, (2 pgs.).	
	A-135	Advantage Workstation - Vascular Software Applications:, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/aw/aw_vascsoft.html on 1/28/2004, (2 pgs.).	
	A-136	Functional Imaging - POWERstation™ General Software, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/general.html on 1/28/2004, (1 pg.).	
	A-137	Functional Imaging - QuickSPECT™ Reconstruction, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectrecon.h... on 1/28/2004, (2 pgs.).	
	A-138	Functional Imaging - QuickSPECT™ - ReadMaster Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/qspectdisplay... on 1/28/2004, (2 pgs.).	
	A-139	Functional Imaging - VCR™, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/vcrrecon.html on 1/28/2004, (2 pgs.).	
	A-140	Functional Imaging - 3D Rendering, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/3d.html on 1/28/2004, (2 pgs.).	
	A-141	Functional Imaging - General Display, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/general_displa... on 1/28/2004, (2 pgs.).	
✓	A-142	Functional Imaging - PC Graphics, GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/pc.html on 1/28/2004, (2 pgs.).	

001.1656813.1

Examiner
Signature

/Michael Rozanski/

Date
Considered

03/14/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 28, 2004 (use as many sheets as necessary)		Application Number	10/813,375
		Filing Date	03/30/2004
		First Named Inventor	Mark L. Grabb
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	7	of	9
		Attorney Docket Number	066243-0235 (141209)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-143	Functional Imaging – <i>SPECT Triangulating Display</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/spect1.html on 1/28/2004, (2 pgs.).	
	A-144	Functional Imaging – <i>Color Scales</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/products/vision/color.html on 1/28/2004, (2 pgs.).	
	A-145	Functional Imaging – <i>Image Processing</i> , GE Medical Systems, printed from website www.gemedicalsystems.com/rad/nm_pet/clinical_img/image_processing on 1/28/2004, (2 pgs.).	
	A-146	<i>Prucka CardioLab/Mac-Lab 7000 CardioLink Operator's Manual</i> , GE Medical Systems, Revision C, marked as July 2, 2001, (24 pgs.).	
	A-147	<i>Realtime Position Management™, Integrating Advanced Mapping, Navigation and EP Recording</i> , Boston Scientific, copyright date: 2003, Boston Scientific Corporation, (3 pgs.).	
	A-148	<i>Advanced Mapping</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).	
	A-149	<i>Diagnostic EP Study</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).	
	A-150	<i>Pericardiocentesis</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (1 pg.).	
	A-151	<i>RF Ablation</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/procedureOverview.jhtml on 1/9/2004, (2 pgs.).	
	A-152	<i>RPM Realtime Position Management™ System</i> , Boston Scientific, printed from website www.bostonscientific.com/med_specialty/deviceDetail.jhtml?task=tskBa... on 1/12/2004, (2 pgs.).	
↓	A-153	<i>RPM Realtime Position Management™ System, (Instructions for use) Electrophysiology</i> , Boston Scientific, printed from website www.bostonscientific.com/common_templates/singleDetailList.jhtml?tas on 1/12/2004, (2 pgs.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/813,375
Date Submitted: June 28, 2004		Filing Date	03/30/2004
(use as many sheets as necessary)		First Named Inventor	Mark L. Grabb
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	8	Attorney Docket Number	066243-0235 (141209)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-154	How to Get There From Here, PruKa Cardiolab 7000, Advanced Electrophysiology Diagnostic System, GE Medical Systems, copyright date: 2000, (2 pgs.).	
	A-155	Jasbir Sra, Joy Thomas, New Techniques for Mapping Cardiac Arrhythmias, Indian Heart Journal, July-August 2001, printed from website www.indianheartjournal.org/JulyAugust2001/NewTechniquesfor Mapping/... on 1/19/2004, (30 pgs.).	
	A-156	EP MedSystems Submits 510-K- Filing for Integration of Catheter Navigation Technology into EP-Workmate Platform, West Berlin, N.J. - (BUSINESS WIRE), July 24, 2003, printed from website www.businesswire.com/webbox/bw.072403/232055085.htm on 1/19/2004, (1 pg.).	
	A-157	Anoop K. Gupta, Alok Maheshwari, Ranjan K. Thakur, Yash Y. Lokhandwala, Catheter Ablation of Atrial Tachycardia Using a Real-Time Position Management Mapping System, Indian Heart Journal, Jan.-Feb. 2003, printed from website www.indianheartjournal.org/Jan-Feb2003/Catheter%20Ablation%20of%... on 1/19/2004, (4 pgs.).	
	A-158	Products / EPWorkMate® - The Completely Integrated EP WorkStation, EPMedSystems, copyright date: 2001, printed from website www.epmedsystems.com/products/epwm/index.htm on 1/19/2004, (4 pgs.).	
	A-159	INVASIVE - Cardiolmage Fluoroscopy Image Management System, GE Medical Systems, printed from website www.gemedicalsystem.com/cardiology/invasive/electro_lab/cardioimag... on 1/26/2004, (1 pg.).	
	A-160	Maximum Access To Patient Data, Heartlab, printed from website www.heartlab.com/benefits_access.htm on 1/27/2004, (1 pg.).	
	A-161	Superior Performance, System Stability And On-Going Maintainability, Heartlab, printed from website www.heartlab.com/benefits_performance.htm on 1/27/2004, (1 pg.).	
	A-162	Unparalleled Portability And Protection For Patient Data, Heartlab, printed from website www.heartlab.com/benefits_portability.htm on 1/27/2004, (1 pg.).	
	A-163	Ease of Use, Heartlab, printed from website www.heartlab.com/benefits_simplicity.htm on 1/27/2004, (1 pg.).	
	A-164	System Flexibility For Long-Term Protection of Your Technology Investment, Heartlab, printed from website www.heartlab.com/benefits_flexibility.htm on 1/27/2004, (1 pg.).	
	A-165	Encompass: Not just a system - a solution, Heartlab, printed from website www.heartlab.com/products_0.htm on 1/27/2004, (11 pgs.).	
↓	A-166	St. Francis Medical Center, Heartlab, printed from website www.heartlab.com/casestudies_3.htm on 1/27/2004, (4 pgs.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
---------------------------	--------------------	------------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 28, 2004 (use as many sheets as necessary)		Application Number	10/813,375
		Filing Date	03/30/2004
		First Named Inventor	Mark L. Grabb
		Group Art Unit	To be Determined
		Examiner Name	To be Determined
Sheet	9	of	9
		Attorney Docket Number	066243-0235 (141209)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/MR/	A-167	University of Chicago and Heartlab Forge Clinical Cooperation Agreement for Encompass System Enhancements, Heartlab, dated August 21, 2001, (2 pgs.).	
	A-168	Actuality Systems – Photographs, Actuality Systems, copyright date: 2001, printed from website www.actuality-systems.com/photographs.php3 on 11/25/2003, (3 pgs.).	
	A-169	Welcome to SeeReal Technologies GmbH, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/default.en.htm on 2/17/2004, (1 pg.).	
	A-170	Autostereoscopic 3D Display in Laparoscopic Surgery, University of Cambridge, Cambridge, United Kingdom, presented at CAR '95, Berlin, 21-24 June, 1995, printed from website www.cl.cam.ac.uk/users/nad/car95_paper.html on 2/16/2004, (1 pg.).	
	A-171	SeeReal 3D Displays – “C” Display, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/products.en.htm on 2/16/2004, (1 pg.).	
	A-172	SeeReal Technologies – Areas of Use, SeeReal Technologies, copyright date: 2003, printed from website www.seereal.com/EN/use.en.htm on 2/16/2004, (1 pg.).	
	A-173	K. Radermacher, C.V. Pichler, S. Fischer, G. Rau, 3D-Visualisation in Surgery, Helmholtz-Institute for Biomedical Engineering, Aachen University of Technology, Aachen, 1998, (6 pgs.).	
	A-174	Siemens and X3D unveil the first Extreme 3D Display for medical application, Virtual Medical Worlds Monthly, dated Oct. 22, 2003, printed from website www.hoise.com/vmw/03/articles/vmw?LV-VM-11-03-27.html on 2/16/2004, (2 pgs.).	
	A-175	Siemens unveils the first Extreme 3D Display for medical application, Siemens AG, dated Oct. 22, 2003, printed from website http://siemens.com/index.jsp?sdc_p=d1047890pol105117fcls4mn1031561u&... on 2/16/2004, (2 pgs.).	
	A-176	Gregg Favalora and Cameron Lewis, Spatial 3D: The End of Flat-Screen Thinking, Actuality Systems, Inc., July, 2003, (9 pgs.).	
✓	A-177	CALYSTO™ for Cardiology – Overview, WITT Biomedical, printed from website http://www.wittbiomedical.com/products.dfm?secID=1 on 4/1/2004, (1 pg.).	

001.1656813.1

Examiner Signature	/Michael Rozanski/	Date Considered	03/14/2007
--------------------	--------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.